

# Specifications

## MECHANICAL

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### Dimensions (LxWxH)

**1200g:** 66 mm (3.0 in) X 180 mm (7.1 in) X 97 mm (3.8 in)

**1202g Scanner:** 180 mm x 66 mm x 92 mm (7.1 in x 2.6 in x 3.6 in)

**1202g Base:** 200 mm x 67 mm x 97 mm (7.9 in x 2.6 in x 3.8 in)

### Weight

**1200g:** 125 g (4.4 oz)

**1202g Scanner:** 180 g (6.3 oz) (includes battery)

**1202g Base:** 125 g (4.4 oz)

## ELECTRICAL

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### Input Voltage

**1200g:** 5 V +/- 5%

### OPERATING POWER

**1200g:** 700mW; 140 mA (typical) @ 5V

**1202g Scanner:** N/A

**1202g Base:**

- 5 W (1 A @ 5 V with power supply); 2.5W (0.5 A @ 5 V with USB)
- 0.625 W (0.125 A @ 5 V)

### Standby Power

**1200g:** 0.45 W (90mA @ 5 VDC)

**1202g Scanner:** N/A

**1202g Base:** N/A

### Battery

**1200g:** N/A

**1202g Scanner:** 1800 mAh Li-ion minimum

**1202g Base:** N/A

### Expected Operation Time

**1202g:** 12 hours

### Expected Charge Time

**1202gi:** 4. hours

### Number of Scans

**1202g:** Up to 45,000 scans per charge

### Host System Interfaces

**1200g:** Multi-Interface / Includes RS232 (TTL +5V, 4 Signals) / KBW / USB (HID Keyboard, Serial, IBM OEM); RS-232C (+/-12V) and IBM RS485 supported via adapter cable

**1202g Scanner:** N/A

**1202g Base:** USB, Keyboard Wedge, RS232, IBM 46xx (RS485)

### BLUETOOTH

**1452g Radio/Range:** 2.4 to 2.5 GHz (ISM Band) Adaptive Frequency Hopping Bluetooth v2.1: Class 2: 10 m (33 ft) line of sight

**1452g Radio/Range:** Up to 3 Mbps

# ENVIRONMENTAL

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## Operating Temperature

**1200g:** 0°C to 50°C (32°F to 122°F)

**1202g Scanner:** 5°C to 40°C (41°F to 104°F)

### **1202g Base:**

- Charging: 5°C to 40°C (41°F to 104°F)
- Non-Charging 0°C to 50°C (32°F to 122°F)

## Storage Temperature

**1200g:** -20°C to 60°C (-4°F to 140°F)

**1202g:** -5°C to 35°C (23°F to 95°F)

## Humidity

0 to 95% relative humidity, non-condensing

## Drop

Designed to withstand 30 1.5 m (5 ft) drops to concrete

## Environmental Sealing

IP42

## Light Levels

0 to 70,000 lux (6,500 foot-candles)

# SCAN PERFORMANCE

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## Scan Pattern

Area Image (640 x 480 pixel array)

## Motion Tolerance

Up to 10 cm/s (4 in/s) for 13 mil UPC at optimal focus

## Scan Angle

Horizontal 37.8°; Vertical 28.9°

## Symbol Contrast

35% minimum reflectance difference

## Pitch, Skew

±60°, ±70°

## Decode Capability

Reads standard 1D and GS1 DataBar symbologies. (Note: Decode capabilities dependent on kit configuration)

## Warranty

**1200g:** 5 year factory warranty

**1202g:** 3 year factory warranty (Note: battery warranty is 1 year)